

<div style="display: flex; align-items: center; justify-content: center;"> <div style="border: 1px solid black; border-radius: 50%; padding: 10px; margin-right: 10px; text-align: center;"> OIP SEP 03 2003 PATENT & TRADEMARK OFFICE </div> <div> INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) </div> </div>				ATTY DOCKET NO. FA/254		SERIAL NO. 10/601,085	
				Jain et al.			
				FILING June 20, 2003		GROUP	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	3,953,566	04/27/76	Gore	264	288		
	4,194,041	03/18/80	Gore et al.	428	315		
	4,515,761	05/07/85	Plotzker	423	240		
	4,518,650	05/21/85	Grot et al.	428	286		
	4,634,530	01/06/87	Kuder et al.	210	500.23		
	4,682,730	07/28/87	Smeyers	239	109		
	4,824,916	04/25/89	Kershner et al.	525	420		
	4,828,699	05/09/89	Soehngen	210	500.28		
	5,013,765	05/07/91	Sluma et al.	521	27		
	5,024,594	06/18/91	Athayde et al.	428	246		
	5,362,836	11/08/94	Helmer-Metzmann et al.	528	125		
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	WO 01/19896A1	03/22/01	PCT			✓	
	WO 02/25764A1	03/28/02	PCT			✓	
	WO 03/005474A2	01/16/03	PCT			✓	
	WO 96/37365	11/28/96	PCT				✓
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
		"Influence of the Nature of Polymer Matrix and the Degree of Sulfonation on the Properties of Membranes", Komkova, Wessling, Krol, Strathmann and Berezina, published in Polymer Science, Ser A., Vol 43, No 3, 2001, pp. 300-307					
		"Heat-Resistant Polymers", Critchley, Knight and Wright, published by Plenum Press, New York and London, pp. 1-19, 125-127, and 185-187. (1983)					
EXAMINER 				DATE CONSIDERED 10/10/2005			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
H-H	5,391,426	02/21/95	Huey S. Wu	428	246		
	5,403,675	04/04/95	Ogata et al.	429	33		
	5,824,405	10/20/98	Lloyd S. White	428	304.4		
	6,087,031	07/11/00	Iwasaki et al.	429	33		
	6,118,218	09/12/00	Yializis et al.	315	111.21		
	6,395,383	05/28/02	Allan B. Maples	428	319.3		
	6,451,921	09/17/02	Weisse et al.	525	328.5		
	6,509,441	01/21/03	Kerres	528	391		
↓	6,579,948	06/17/03	Tan et al.	525	333.5		

FOREIGN PATENT DOCUMENTS								
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION			
					YES	NO		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			

EXAMINER <i>M. M. M.</i>	DATE CONSIDERED <i>10/10/2005</i>
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